

| L Number | Hits   | Search Text   | DB        | Time stamp       |
|----------|--------|---|-----------|------------------|
| -        | 231846 | (liquid adj1 crystal adj1 display) or LCD OR AMLCD                        | USPAT;    | 2002/12/17 09:59 |
|          |        |   | US-PGPUB; | 2002/12/1/ 05:55 |
|          |        |   | EPO; JPO; |                  |
|          |        |   | DERWENT;  |                  |
|          |        |   | IBM_TDB   |                  |
| -        | 26821  | (SR OR (SHIFT ADJ1 REGISTER)) AND (LATCH)                                 | USPAT;    | 2002/12/17 10:35 |
|          |        |   | US-PGPUB; |                  |
|          |        |   | EPO; JPO; |                  |
|          |        |   | DERWENT;  |                  |
|          |        |   | IBM_TDB   |                  |
| -        | 429    | ((liquid adj1 crystal adj1 display) or LCD OR AMLCD) and ((SR OR          | USPAT;    | 2002/12/17 10:44 |
|          |        | (SHIFT ADJ1 REGISTER)) AND (LATCH)) and clock and signal and              | US-PGPUB; |                  |
|          |        | amplitude and driver  | EPO; JPO; |                  |
|          |        |   | DERWENT;  |                  |
|          |        |   | IBM TDB   |                  |
| _        | 3660   | 345/92,98-100,104,211-213.ccls.   | USPAT;    | 2002/12/17 10:44 |
|          |        |   | US-PGPUB; | 2002/12/1/ 10:11 |
|          |        |   | ЕРО; ЛРО; |                  |
|          |        |   | DERWENT;  |                  |
|          |        |   | IBM_TDB   |                  |
| -        | 104    | (((liquid adj1 crystal adj1 display) or LCD OR AMLCD) and ((SR OR         | USPAT;    | 2002/12/17 12:36 |
|          |        | (SHIFT ADJ1 REGISTER)) AND (LATCH)) and clock and signal and              | US-PGPUB; | 2002/12/17 12:50 |
|          |        | amplitude and driver) and 345/92,98-100,104,211-213.ccls.                 | EPO; JPO; |                  |
|          |        |   | DERWENT;  |                  |
|          |        |   | IBM_TDB   |                  |
| -        | 97     | (((((liquid adj1 crystal adj1 display) or LCD OR AMLCD) and ((SR OR       | USPAT;    | 2002/12/17 12:51 |
|          |        | (SHIFT ADJ1 REGISTER)) AND (LATCH)) and clock and signal and              | US-PGPUB; | 2002/12/17 12.51 |
|          |        | amplitude and driver) and 345/92,98-100,104,211-213.ccls.) and data       | EPO; JPO; |                  |
|          |        | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2                                   | DERWENT;  |                  |
|          |        |   | IBM_TDB   |                  |
| _        | 1411   | bidirection\$ with scan\$   | USPAT;    | 2002/12/17 13:10 |
|          |        |   | US-PGPUB; | 2002/12/17 15.10 |
|          |        |   | EPO; JPO; |                  |
|          |        |   | DERWENT;  |                  |
|          |        |   | IBM_TDB   |                  |
| _        | 1      | ((((((liquid adj1 crystal adj1 display) or LCD OR AMLCD) and ((SR OR      | USPAT;    | 2002/12/17 13:42 |
|          |        | (SHIFT ADJ1 REGISTER)) AND (LATCH)) and clock and signal and              | US-PGPUB; | 2002/12/17 15.42 |
|          |        | amplitude and driver) and 345/92,98-100,104,211-213.ccls.) and data)      | EPO; JPO; |                  |
|          |        | and (bidirection\$ with scan\$)   | DERWENT;  |                  |
|          |        | , ,   | IBM_TDB   |                  |
| _        | 9      | ("5179371"   "5223824"   "5781171"   "5815129"   "5889504"                | USPAT     | 2002/12/17 13:13 |
|          |        | "5956009"   "5969713"   "5990857"   "6023260").PN.                        |           |                  |
| -        | 9      | ("5179371"   "5223824"   "5781171"   "5815129"   "5889504"                | USPAT     | 2002/12/17 13:39 |
|          |        | "5956009"   "5969713"   "5990857"   "6023260").PN.                        |           |                  |
| -        | 3989   | (clock or start) same (level near2 shift\$)                               | USPAT;    | 2002/12/17 14:30 |
|          |        | , , , , , , , , , , , , , , , , , , ,                                     | US-PGPUB; | 1 12 12 17 1130  |
|          |        |   | ЕРО; ЛРО; |                  |
|          |        |   | DERWENT;  |                  |
|          |        |   | IBM_TDB   |                  |
| -        | 722    | ((SR OR (SHIFT ADJ1 REGISTER)) AND (LATCH)) and ((clock or                | USPAT;    | 2002/12/17 14:32 |
|          |        | start) same (level near2 shift\$)) and (boost\$ or rais\$3 or increas\$3) | US-PGPUB; |                  |
|          |        | ( )   | ЕРО; ЛРО; |                  |
|          |        |   | DERWENT;  |                  |
|          |        |   | IBM_TDB   | •                |
| -        | 160    | power with comsum\$ with reduc\$  | USPAT;    | 2002/12/17 15:08 |
|          |        |   | US-PGPUB; |                  |
|          |        |   | EPO; JPO; |                  |
|          |        |   | DERWENT;  |                  |
|          |        |   |           |                  |



| - | 2397009 | (level adj1 shifter) or LS  | USPAT;    | 2002/12/17 15:33 |
|---|---------|---|-----------|------------------|
|   |         |   | US-PGPUB; |                  |
|   |         |   | ЕРО; ЈРО; |                  |
|   |         |   | DERWENT;  |                  |
| l |         |   | IBM_TDB   |                  |
| - | 33      | (power with comsum\$ with reduc\$) and ((level adj1 shifter) or LS)   | USPAT;    | 2002/12/17 16:18 |
|   |         |   | US-PGPUB; |                  |
|   |         |   | ЕРО; ЈРО; |                  |
|   |         |   | DERWENT;  |                  |
| l |         |   | IBM_TDB   |                  |
| - | 0       | ((((((liquid adj1 crystal adj1 display) or LCD OR AMLCD) and ((SR OR  | USPAT;    | 2002/12/17 15:36 |
|   |         | (SHIFT ADJ1 REGISTER)) AND (LATCH)) and clock and signal and          | US-PGPUB; |                  |
|   |         | amplitude and driver) and 345/92,98-100,104,211-213.ccls.) and data)  | ЕРО; ЈРО; |                  |
|   |         | and ((power with comsum\$ with reduc\$) and ((level adj1 shifter) or  | DERWENT;  |                  |
|   |         | LS))  | IBM_TDB   |                  |
| - | 444     | ((liquid adj1 crystal adj1 display) or LCD OR AMLCD) and ((SR OR      | USPAT;    | 2002/12/17 15:36 |
|   |         | (SHIFT ADJ1 REGISTER)) AND (LATCH)) and                               | US-PGPUB; |                  |
|   |         | 345/92,98-100,104,211-213.ccls.                                       | ЕРО; ЛРО; |                  |
|   |         |   | DERWENT;  |                  |
|   |         |   | IBM_TDB   |                  |
| - | 0       | ((power with comsum\$ with reduc\$) and ((level adj1 shifter) or LS)) | USPAT;    | 2002/12/17 15:36 |
| İ |         | and (((liquid adj1 crystal adj1 display) or LCD OR AMLCD) and ((SR    | US-PGPUB; |                  |
|   | i       | OR (SHIFT ADJ1 REGISTER)) AND (LATCH)) and                            | ЕРО; ЛРО; |                  |
|   |         | 345/92,98-100,104,211-213.ccls.)                                      | DERWENT;  |                  |
|   |         |   | IBM_TDB   |                  |
| - | 72      | ((((((liquid adj1 crystal adj1 display) or LCD OR AMLCD) and ((SR OR  | USPAT;    | 2002/12/17 16:18 |
|   |         | (SHIFT ADJ1 REGISTER)) AND (LATCH)) and clock and signal and          | US-PGPUB; |                  |
|   |         | amplitude and driver) and 345/92,98-100,104,211-213.ccls.) and data)  | ЕРО; ЈРО; |                  |
| - |         | and ((level adj1 shifter) or LS)                                      | DERWENT;  |                  |
|   |         |   | IBM_TDB   |                  |
| - | 9       | ("4138649"   "4902981"   "RE34428"   "5334944"   "5459483"            | USPAT     | 2002/12/17 16:24 |
|   |         | "5831605"   "5995073"   "6157360"   "6166725").PN.                    |           |                  |